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### **TC 3700 Inventor Search Program**

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

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**Serial Number: 10779331**

**1.) See attached printout of inventors listed in  
PALM**

**2.) See attached EAST Inventor Search  
Printout shows Inventor search terms**

US 20060030765 A1	20060209	Oximeter sensor with digital memory encoding patient data	600/323		Swedlow; David et al.
US 20060030764 A1	20060209	Method and circuit for indicating quality and accuracy of physiological measurements	600/323	600/330; 600/331	Porges; Charles et al.
US 20060030763 A1	20060209	Pulse oximeter sensor with piece-wise function	600/323		Mannheimer; Paul D. et al.
US 20060030762 A1	20060209	Oximeter sensor with digital memory encoding patient data	600/323		David; Swedlow et al.
US 20060025660 A1	20060202	Oximeter sensor with digital memory encoding patient data	600/323		Swedlow; David et al.
US 20050148934 A1	20050707	Fluid infusion apparatus with an insulated patient line tubing for preventing heat loss	604/113		Martens, Paul William et al.
US 20050070776 A1	20050331	Forehead sensor placement	600/340		Mannheimer, Paul D. et al.
US 20050070775 A1	20050331	Motion compatible sensor for non-invasive optical blood	600/323	128/903	Chin, Rodney et al.

		analysis			
US 20050070773 A1	20050331	Motion compatible sensor for non-invasive optical blood analysis	600/322	600/323; 600/335	Chin, Rodney et al.
US 20040267104 A1	20041230	Hat-based oximeter sensor	600/340		Hannula, Don et al.
US 20040221370 A1	20041111	Headband with tension indicator	2/181		Hannula, Don et al.
US 20040215069 A1	20041028	Nuisance alarm reductions in a physiological monitor	600/323	600/309; 600/502; 600/504	Mannheimer, Paul D.
US 20040204639 A1	20041014	Pulse oximeter and sensor optimized for low saturation	600/338	600/323	Casciani, James R. et al.
US 20040199063 A1	20041007	Stacked adhesive optical sensor	600/344	600/310; 600/323	O'Neil, Michael Patrick et al.
US 20040171920 A1	20040902	Pulse oximeter sensor with piece-wise function	600/323		Mannheimer, Paul D. et al.
US 20040162472 A1	20040819	Sensor with signature of data relating to sensor	600/323	600/331	Berson, Thomas A. et al.
US 20040117891 A1	20040624	Headband with tension indicator	2/171.5		Hannula, Don et al.
US 20040097797 A1	20040520	Method and circuit for indicating quality and accuracy of physiological measurements	600/322	600/330; 600/331	Porges, Charles et al.

US 20040006261 A1	20040108	Oximeter sensor with digital memory encoding patient data	600/323		Swedlow, David et al.
US 20030195402 A1	20031016	Oximeter sensor with digital memory recording sensor data	600/323		Fein, Michael E. et al.
US 20030109775 A1	20030612	Stacked adhesive optical sensor	600/323		O'Neil, Michael Patrick et al.
US 20030018241 A1	20030123	Nuisance alarm reductions in a physiological monitor	600/300	600/309; 600/322; 600/478; 600/500	Mannheimer, Paul D.
US 20020173708 A1	20021121	Shunt barrier in pulse oximeter sensor	600/323	600/344	DeLonzor, Russ et al.
US 20020103423 A1	20020801	Motion compatible sensor for non-invasive optical blood analysis	600/322	600/323	Chin, Rodney et al.
US 20020095078 A1	20020718	Oximeter sensor with digital memory encoding sensor expiration data	600/323		Mannheimer, Paul D. et al.
US 20020095077 A1	20020718	Oximeter sensor with digital memory encoding patient data	600/323	600/310	Swedlow, David et al.
US	20020627	Pulse	600/338	600/323	Casciani,

20020082489 A1		oximeter and sensor optimized for low saturation			James R. et al.
US 20020038081 A1	20020328	Oximeter sensor with digital memory recording sensor data	600/323	600/310	Fein, Michael E. et al.
US 20020035318 A1	20020321	Pulse oximeter sensor with piece-wise function	600/323		Mannheimer, Paul D. et al.
US 20010000790 A1	20010503	Shunt barrier in pulse oximeter sensor	600/323	600/310; 600/344	Delonzor, Russ et al.
US 6845256 B2	20050118	Motion compatible sensor for non-invasive optical blood analysis	600/323		Chin; Rodney et al.
US 6801797 B2	20041005	Pulse oximeter sensor with piece-wise function	600/323	600/331	Mannheimer; Paul D. et al.
US 6763255 B2	20040713	Shunt barrier in pulse oximeter sensor	600/323	600/322; 600/336	DeLonzor; Russ et al.
US 6754516 B2	20040622	Nuisance alarm reductions in a physiological monitor	600/323	600/309; 600/502; 600/504	Mannheimer; Paul D.
US 6748254 B2	20040608	Stacked adhesive optical sensor	600/344	600/310; 600/323	O'Neil; Michael Patrick et al.
US 6708049 B1	20040316	Sensor with signature of data relating	600/323	600/331	Berson; Thomas A. et al.

		to sensor			
US 6675031 B1	20040106	Method and circuit for indicating quality and accuracy of physiological measurements	600/322	600/330; 600/331	Porges; Charles et al.
US 6662033 B2	20031209	Pulse oximeter and sensor optimized for low saturation	600/338	600/323	Casciani; James R. et al.
US 6628975 B1	20030930	Oximeter sensor with digital memory storing data	600/323	600/331	Fein; Michael E. et al.
US 6606510 B2	20030812	Oximeter sensor with digital memory encoding patient data	600/323	600/322; 600/331	Swedlow; David et al.
US 6600940 B1	20030729	Oximeter sensor with digital memory	600/323	600/330; 600/331	Fein; Michael E. et al.
US 6591123 B2	20030708	Oximeter sensor with digital memory recording sensor data	600/323	600/331	Fein; Michael E. et al.
US 6553241 B2	20030422	Oximeter sensor with digital memory encoding sensor expiration data	600/323	600/331	Mannheimer; Paul D. et al.
US 6430423 B2	20020806	Shunt barrier in pulse oximeter sensor	600/310	600/323; 600/336	DeLonzor; Russ et al.

US D458226 S	20020604	Connector design for warmed ear oximeter probe	D13/147	D13/145	Chin; Rodney P. et al.
US 6374129 B1	20020416	Motion compatible sensor for non-invasive optical blood analysis	600/322	600/323	Chin; Rodney et al.
US 6356774 B1	20020312	Oximeter sensor with encoded temperature characteristic	600/323	600/322; 600/331	Bernstein; Michael J. et al.
US 6351658 B1	20020226	Multiple-code oximeter calibration element	600/331	600/322; 600/323	Middleman; Lee et al.
US 6272363 B1	20010807	Pulse oximeter and sensor optimized for low saturation	600/322	600/323; 600/338	Casciani; James R. et al.
US 6173196 B1	20010109	Shunt barrier in pulse oximeter sensor	600/310	250/200; 250/216; 600/322; 600/323; 600/473; 600/476	Delonzor; Russ et al.
US 6112107 A	20000829	Flexible sensor with bulge enhancing contact	600/310	600/323	Hannula; Don
US 6094592 A	20000725	Methods and apparatus for estimating a physiological parameter using transforms	600/475	600/310	Yorkey; Thomas J. et al.
US 6018673 A	20000125	Motion compatible sensor for	600/322	356/41; 600/323	Chin; Rodney et al.

		non-invasive optical blood analysis			
US 5995856 A	19991130	Non-contact optical monitoring of physiological parameters	600/322	600/323	Mannheimer; Paul D. et al.
US 5916155 A	19990629	Fetal sensor with securing balloons remote from optics	600/338	600/339; 600/376	Levinson; Mitchell et al.
US 5851179 A	19981222	Pulse oximeter sensor with articulating head	600/338		Ritson; Carl et al.
US 5842982 A	19981201	Infant neonatal pulse oximeter sensor	600/340	600/322; 600/344	Mannheimer; Paul D.
US 5823952 A	19981020	Pulse oximeter sensor with differential slip coefficient	600/338	600/351; 600/376; 600/511	Levinson; Mitchell et al.
US 5813980 A	19980929	Fetal pulse oximetry sensor with remote securing mechanism	600/338		Levinson; Mitchell et al.
US 5797841 A	19980825	Shunt barrier in pulse oximeter sensor	600/323	250/221; 600/310; 600/322; 600/344	Delonzor; Russ et al.
US 5782756 A	19980721	Method and apparatus for in vivo blood constituent analysis	600/322	600/323; 600/336	Mannheimer; Paul D.
US 5782237 A	19980721	Pulse oximeter and	600/476	356/41; 600/323	Casciani; James R. et



		sensor optimized for low saturation			al.
US 5746206 A	19980505	Isolated layer pulse oximetry	600/336	356/39; 600/323	Mannheimer; Paul D.
US 5727547 A	19980317	Presenting part fetal oximeter sensor with securing mechanism for providing tension to scalp attachment	600/338		Levinson; Mitchell et al.
US 5524617 A	19960611	Isolated layer pulse oximetry	600/323	356/41; 600/473	Mannheimer; Paul D.
US 5425921 A	19950620	Sealable vessel for containing and processing analytical samples	422/102	220/23.87; 222/548; 422/100; 422/103; 422/99; 436/174; 73/864.91	Coakley; Joseph et al.
US 5421329 A	19950606	Pulse oximeter sensor optimized for low saturation	600/331	356/41; 600/338; 600/364	Casciani; James R. et al.
US 5392777 A	19950228	Oximeter sensor with perfusion enhancing	600/322	600/334	Swedlow; David B. et al.
US 5267563 A	19931207	Oximeter sensor with perfusion enhancing	600/323		Swedlow; David B. et al.
US 5247932 A	19930928	Sensor for intrauterine use	600/338	600/376	Chung; Christopher et al.
US 5218962 A	19930615	Multiple region pulse oximetry probe and	600/331	356/41	Mannheimer; Paul D. et al.

		oximeter			
US 5109849 A	19920505	Perinatal pulse oximetry sensor	600/483	600/511; 600/513; 600/549	Goodman; David E. et al.
US 5099842 A	19920331	Perinatal pulse oximetry probe	600/323	600/338; 600/364	Mannheimer; Paul D. et al.
US 4938218 A	19900703	Perinatal pulse oximetry sensor	600/338	600/476	Goodman; David E. et al.
US D307473 S	19900424	Dental pliers shield	D24/153		Hannula; Donald L.
US 4776791 A	19881011	Shield for a pair of orthodontic pliers for use in removing dental brackets	433/4		Hannula; Donald L. et al.
US 4634427 A	19870106	Implantable demand medication delivery assembly	604/288.02	604/185; 604/288.03	Hannula; Donald L. et al.
US 4464168 A	19840807	Low profile shunt system	604/9		Redmond; Russell J. et al.
US 4435174 A	19840306	Catheter guide	604/174	128/DIG.26	Redmond; Russell J. et al.
US 4364395 A	19821221	Low profile shunt system	604/10	137/510	Redmond; Russell J. et al.
US 2369815 A	19450220	Beehive tool [TEXT AVAILABLE IN USOCR DATABASE]	449/64	220/284; 49/278	COAKLEY JOSEPH P